

# PDL3 MODUS

## LED lighting system

PDL3 MODUS is a universal 1 for 1 upgrade of existing 400 W HID downlights, featuring application based installation solutions that make it the ideal luminaire replacement for petroleum canopies, parking structures/surface mount, and walk-in coolers. PDL3 MODUS sets new standards with its revolutionary design, optimized radiation pattern, and slim profile.

**NEW** Application based driver solutions in 75 W and 150 W output are easier to specify and install.

**NEW** Power Module allows the fixture to be field configured to 3 power settings without need for extra parts or accessories

- Installs with one person and does not require site surveys
- Provides superior performance and energy savings—up to 250%—over typical HID fixtures

### Specifications

Electrical	75 W Mod	150 W Mod
System power settings	36 W, 51 W, 66 W	86 W, 105 W, 125 W
System efficacy	140 lm/W (36 W) 137 lm/W (51 W) 136 lm/W (66 W)	128 lm/W (86 W) 125 lm/W (105 W) 122 lm/W (125 W)
Input voltage	100-277 VAC, 50-60 Hz	
Lighting <sup>1</sup>	75 W Mod	150 W Mod
Light output (lm/W)	5,000 Lumens (36 W) 7,000 Lumens (51 W) 9,000 Lumens (66 W)	11,000 Lumens (86 W) 13,100 Lumens (105 W) 15,200 Lumens (125 W)
Light distribution	Symmetric (Type 5)	
Color	5000 K CCT	
Color rendering	70 CRI	
Performance	75 W Mod	150 W Mod
Operating temperature	-40° C to 60° C (36 W) -40° C to 55° C (51 W) -40° C to 50° C (66 W)	-40° C to 60° C (86 W) -40° C to 55° C (105 W) -40° C to 50° C (125 W)
Ingress protection	IP68 (highest dust and water protection)	
UL location rating	Suitable for wet locations	
Life rating	100,000 hours (L <sub>70</sub> ) <sup>2</sup> at maximum operating conditions	
Dimming (optional)	1-10 VDC control on power supply	
Construction		
Frame	Die cast aluminum	
Heat plate	Aluminum	
Finish	White, powder coated for extreme conditions	
Lens	Tempered glass	
Mounting		
Light	4 self-drilling sheet metal screws	
Power supply	Based on your application, choose the correct MOD version for your power supply needs.	
Documentation		
Warranty	10-year limited	
Agency listings	cULus, CE, ENEC, DesignLights Consortium® Premium (DLC) RoHS, California Title 24 Compliant	
Files available	LM-79, LM-80, IES	

### Multi-Application

Downlighting



Project Name/Location

Part Number

Notes#

Date

 **SloanLED**<sup>®</sup>  
Leaders in LED Technology  
Lighting Systems

<sup>1</sup> Lighting data pending third party verification.  
<sup>2</sup> Based on LED component manufacturer data.



# Power Supply Solutions - 75 W & 150 W

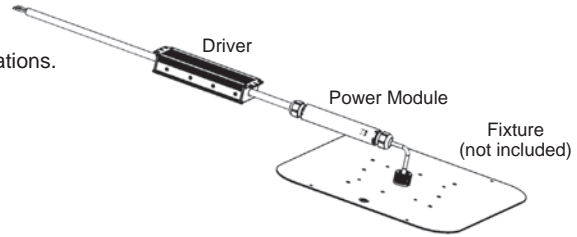
## MOD1 Global Petroleum Canopy

Driver and Power Module with <VDE> compliant cable – for EU/AUS applications.

- Fixture connects to IP68-rated Power Module
- Power Module connects to IP68-rated Driver
- Installer adds own junction box or plug to hook up primary power
- Power Module comes set at highest setting

**Part Number:**

- 601071.....75 W Driver for 36/51/66 W
- 601072.....150 W Driver for 86/105/125 W



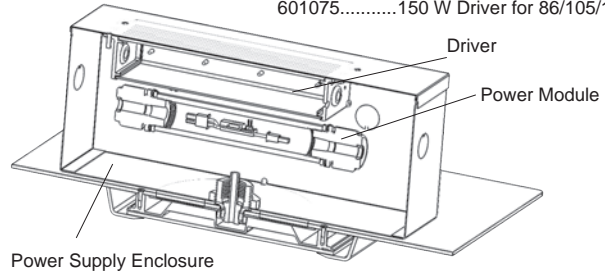
## MOD2 North American Petroleum Canopy

Driver, Power Module, Power Supply Enclosure, Gasket, and Hardware.

- Driver and Power Module are IP68-rated
- Power supply enclosure allows water to pass through and out
- Driver comes mounted to enclosure lid
- Gasket seals against canopy – Eliminates need to seal installation with tar/roofing material
- Power Module comes set at highest setting

**Part Number:**

- 601074.....75 W Driver for 36/51/66 W
- 601075.....150 W Driver for 86/105/125 W



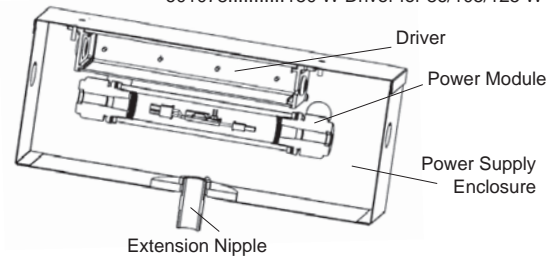
## MOD3 Walk-in Cooler

Driver, Power Module, Power Supply Enclosure, Extension Nipple and Hardware.

- Driver and Power Module are IP68-rated
- Driver comes mounted to enclosure lid
- Extension Nipple protects cable as it passes through 4" foam insulation of cooler
- Extension Nipple threads into fixture in waterproof fitting
- Power Modules comes set at highest setting

**Part Number:**

- 601077.....75 W Driver for 36/51/66 W
- 601078.....150 W Driver for 86/105/125 W



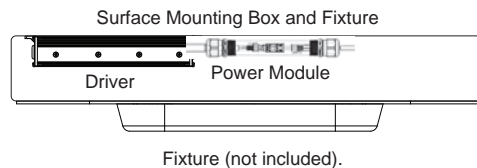
## MOD4 Parking Garage/ Surface Mount

Driver, Power Module and SloanLED Surface Mounting Box.

- Mounts to: Solid flat surface, reinforced J-box, Aircraft cable suspension, and pendant drop
- Driver and Power Module are IP68-rated
- Driver comes mounted to surface mounting box
- Power Module comes set at highest setting

**Part Number:**

- 601080.....NA, 75 W Driver for 36/51/66 W
- 601081.....NA, 150 W Driver for 86/105/125 W
- 601088.....Global, 75 W Driver for 36/51/66 W
- 601089.....Global, 150 W Driver for 86/105/125 W



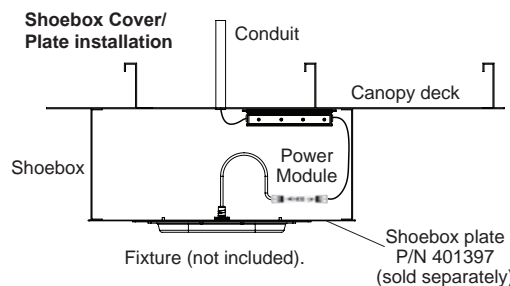
## MOD5 North American Shoebox Retrofit

Driver, Power Module and UL compliant cable.

- Fixture connects to IP68-rated Power Module
- Power Module connects to IP68-rated driver
- Installs into existing shoebox for retrofit

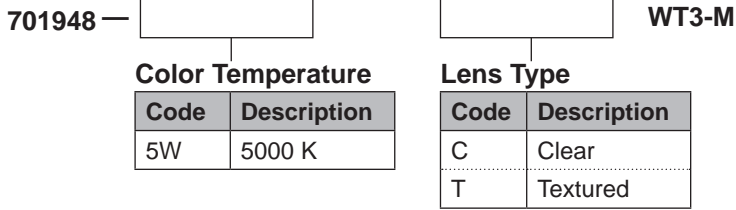
**Part Number:**

- 601083.....75 W Driver for 36/51/66 W
- 601084.....150 W Driver for 86/105/125 W



## 1. Select Fixture

Example: 701948-5WCWT3-M<sup>1</sup>



### Dimming<sup>2</sup>

Description	Part Number
Dimming Controller - 75 W Power Supply	601092
Dimming Controller - 150 W Power Supply	601093
Occupancy Sensor	701953

- <sup>1</sup> Power supply solution not included.  
<sup>2</sup> Dimming controller replaces the Power Module. Dimming controller box fits inside housings of MOD 2, MOD 3, and MOD 4. To install dimming controller on MOD 1, a plastic junction box must be used (P/N 701952-EU).

### Accessories

Description	Part Number
Shoebbox Cover/Plate	401397
Blank Plate (De-lamping)	401219
Install Template <sup>4</sup>	401398
EU Waterproof Junction Box	701952-EU

## 2. Select Power Supply Solution

### Power Supply Solution

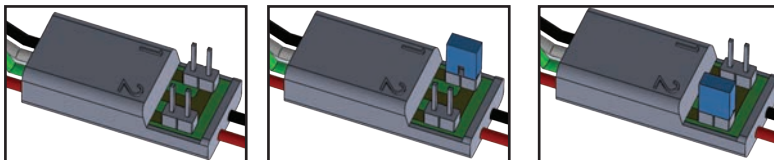
Code	Description	Wattage	Part Number	Code	Description	Wattage	Part Number
MOD 1.1	Global Petroleum Canopy	75 W	601071	MOD 4.1	NA Parking Garage/ Surface Mount	75 W	601080
MOD 1.2		150 W	601072	MOD 4.2		150 W	601081
MOD 2.1	NA Petroleum Canopy	75 W	601074	MOD 4.4	Global Parking Garage/ Surface Mount	75 W	601088
MOD 2.2		150 W	601075	MOD 4.5		150 W	601089
MOD 3.1	Walk-In Cooler	75 W	601077	MOD 5.1	NA Shoebbox Retrofit	75 W	601083
MOD 3.2		150 W	601078	MOD 5.2		150 W	601084

### Power Module

Each Power Supply Solution includes a Power Module. Power Module has three settings to adjust wattage per your selected driver solution.

- Field Adjustable
- IP68 Waterproof
- Extra Jumper included

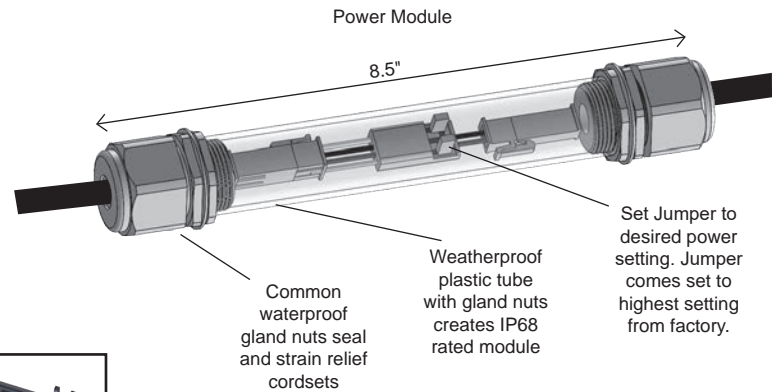
### Power Module Settings



High

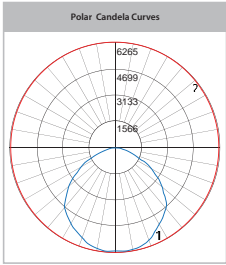
Medium

Low



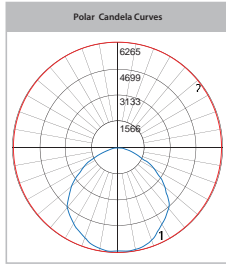
# Photometrics

**Clear – 125 W**



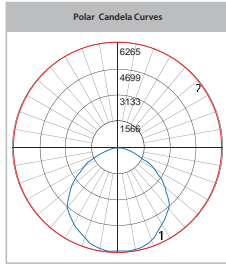
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Clear – 105 W**



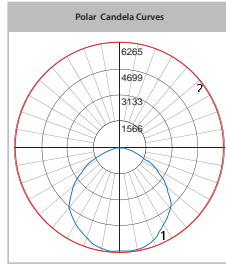
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Clear – 86 W**



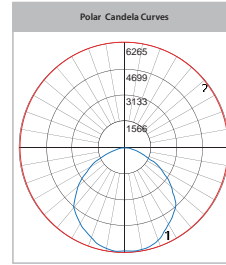
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Clear – 66 W**



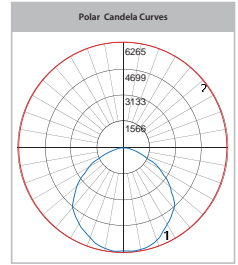
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Clear – 51 W**



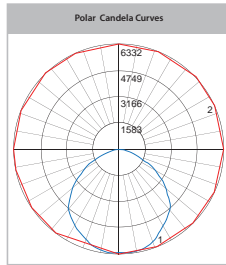
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Clear – 36 W**



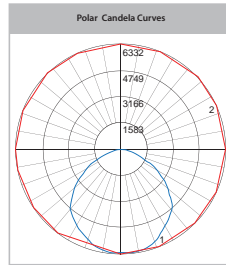
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Textured – 125 W**



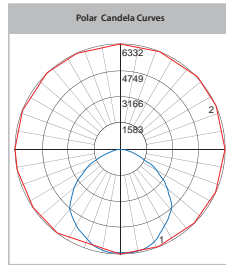
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Textured – 105 W**



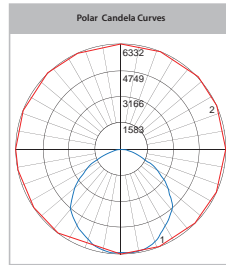
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Textured – 86 W**



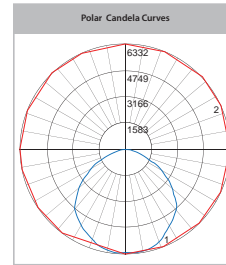
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Textured – 66 W**



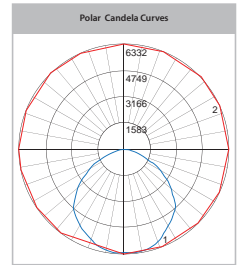
■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Textured – 51 W**



■ (1) Vertical Plane  
■ (2) Horizontal Cone

**Textured – 36 W**



■ (1) Vertical Plane  
■ (2) Horizontal Cone

# Dimensions

weight = 9 lbs

**PDL3 MODUS**

